

DARWIN DELGADO

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Critical thinking, decision-making and problem-solving skills. Experience in financial sector and telecommunications.

Areas of Knowledge

- Hybrid infrastructure on **AWS**, **Azure** and on-premise.
- Working with **Azure** since 2024 and several of their most important services (VMs, Networking, Firewalls, NSGs, Backup).
- Working with **AWS** since 2025 and several of their most important services (EC2, ECS, ECR, CloudFront, RDS).
- **CI/CD** pipelines with **Azure DevOps** and **GitHub Actions**.
- Infrastructure as code (**IaC**) with **Terraform**. Automation with **Ansible**.
- Containers with **Docker**, Docker Compose, **Podman** and **Kubernetes**.
- Observability with **Grafana**, **Prometheus**, **Loki** and **Zabbix**.
- Legacy infrastructure modernization: OS migrations (RHEL 7→9), applications and databases from VMs to **Docker**.
- **Linux** specialist — Red Hat Enterprise Linux.

Professional Experience

[Banco Unión](#) – Infrastructure Engineer (April 2023 – Present)

Infrastructure Engineer at a state-owned bank in Colombia. Responsible for hybrid infrastructure spanning Azure, AWS and on-premise Linux/Windows servers.

- Hybrid infrastructure management: Linux/Windows servers across **Azure** and on-premise.
- Legacy fleet modernization: RHEL 7→9, RHEL 8→9 and Windows Server 2012→2022 migrations.
- Containerized applications (WildFly, WordPress, Node.js, Oracle APEX, GitLab) and databases (**MySQL**, **MongoDB**, **PostgreSQL**) to **Docker**.
- **CI/CD** pipelines with **Azure DevOps** and **GitHub Actions**. Deployments with **Terraform** on AWS.

- Automation with **Ansible**: weekly patching, Linux server **hardening** and configuration management.
- Oracle **11g** → **19c** migration on **Oracle Linux** with KVM/oVirt infrastructure.
- Observability with **Zabbix 7.0 TLS**, **Grafana**, **Prometheus** and **Loki**.

GNP - Grupo Nacional de Proyectos – Infrastructure Engineer (February 2021 – April 2023)

Infrastructure Engineer at a technology services company. Responsible for Linux server administration, open source identity management, virtualization and advanced network infrastructure.

- Linux server administration and configuration management with **Puppet** across hybrid infrastructure.
- Identity management with **FreeIPA**, **Samba AD** and **Nginx** on fully open source infrastructure.
- **Proxmox** virtualization management with LXC containers and VMs. **Docker** deployments.
- Advanced network administration: **Cisco CCNP** (switching, routing, port security, 802.1X), **Aruba** and **PfSense HA** firewall.
- **Asterisk** (VoIP) and **Zimbra** server administration.
- NAS storage management and Linux identity infrastructure (**FreeIPA**, **Samba**).

ECOM SAS – IT Operations Analyst (2019 – 2021)

IT Operations Analyst at an electronic invoicing company. Administered Windows/Linux servers, VMware virtualization, VPN site-to-site and monitoring.

- Infrastructure administration: **Windows/Linux servers**, **Active Directory** and DNS.
- Virtualization with **VMware vSphere/ESXi** and backup management with **Acronis**.
- Perimeter security with **Sophos UTM** firewall and VPN tunnels.
- Monitoring with **Grafana** and **Zabbix** for network and services availability.
- **VoIP** telephony configuration and administration.

Colegio Santa Bárbara – IT Instructor (2016)

IT Instructor responsible for networking and computer fundamentals classes.

- Taught networking fundamentals: LAN setup, switch/router configuration, network segmentation and cable crimping.
- Introduced students to PC hardware assembly, disassembly and basic troubleshooting.

Languages

Spanish (native), English (technical reading)

Hobbies

Music producer. Avid gamer on PlayStation and Xbox (FIFA, Crash Bandicoot, Need for Speed). Football. Content creator — technical guides, videos and blog posts published at darwindelgado.com.